



ONIX-PL ERM I encoding format

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1. Introduction

This document represents the interim conclusions of work carried out in recent months to look at the implications of using a version of ONIX-PL to communicate ERM I license encodings from one library’s ERMS to another’s, or from an intermediary that offers an ERM I encoding service to a customer library. The work was partly funded by a contribution from the [Digital Library Federation](#).

The communication of ERM I license encodings requires a two-way mapping between an ERM I encoding and an ONIX-PL message format. The mapping must cover the whole of the ERM I encoding, but will obviously not include any elements of the license that are not encoded. It must also represent and preserve elements of the ERM I encoding that were not explicit in the original license, but have been included as representing an interpretation of the license.

Consequently the rules as to what constitutes a valid ONIX-PL message will be quite different from those that apply to a full license expression; and there will be a need for controlled values, and possibly additional data elements, that are specific to the ONIX-PL ERM I encoding format, and are not used in ONIX-PL full license expressions.

The ERM I encoding format is not capable of expressing what is said in an ONIX-PL license expression; and conversely many aspects of what an ERM I encoding *does* convey cannot be derived algorithmically from an ONIX-PL license expression. What is presented here is a possible

method of using a subset of ONIX-PL structural conventions to carry an ERMI encoding. It should not be perceived as an implementation of ONIX for Licensing Terms.

2. Scope

The scope of the analysis in this draft document covers the following ERMI term groups:

<i>A</i>	<i>Authorized User Group</i>	<i>E</i>	<i>Obligations Group</i>
<i>B</i>	<i>Terms of Use Group</i>	<i>F</i>	<i>Notes Group</i>
<i>C</i>	<i>Restrictions Group</i>	<i>G</i>	<i>Date Group</i>
<i>D</i>	<i>Perpetual Rights Group</i>	<i>H</i>	<i>Parties Group</i>

For convenience, a letter of the alphabet has been assigned to each group, and this is shown in the lefthand column of the tables that make up the greater part of this document.

It does not include the following groups, which may or may not also be relevant to license encoding:

Amount Group
Price and Payment Group
User Group Entity
Available To User Bridge Entity
Location Entity
Available To Location Bridge Entity

3. Overall structure of an ONIX-PL ERMI license encoding

The working assumption is that the broad structure of an ONIX-PL message carrying an ERMI license encoding would be along the following lines:

```
<ONIXPublicationsLicenseMessage version="n.n">  
  <Header>  
    <ERMILicenseEncoding>      (repeatable for multiple license encodings)
```

In other words, the ONIX-PL <PublicationsLicenseExpression> entity would be replaced by a new <ERMILicenseEncoding> entity, whose structure would be substantially similar, but with radically different rules as to expected content, and some additional dictionary terms assigned specifically to simplify the representation of certain ERMI values.

4. Problems in mapping an ERMI encoding into ONIX-PL

The main problem in devising a method of using ONIX-PL as a carrier for an ERMI encoding is that at a number of levels ONIX-PL assumes certain structural principles that ERMI lacks. In some areas ERMI has a consistent structure. Most ERMI terms expressing usage permissions have a usage type, a permitted/prohibited value, and a note field, and these elements can instantly be mapped into a proper subset of an ONIX Usage composite. In other areas ERMI has individual terms or notes elements that are not related in any particular structure, but that in ONIX would be "children" within a composite whose "parent" is absent from ERMI. In yet other areas, ERMI has general notes elements that do not relate particularly well to any part of the ONIX structure.

There is also some inconsistency in the use of "Y/N" values for certain terms, with a note when more detail is needed, and "Text" for others. For example, ERMI "Performance Warranty" has a Y/N indicator and two closely related notes elements, while ERMI "Content Warranty" has just a note.

It would be possible to specify a more consistent XML structure if the ERMI elements were themselves more consistent.

5. Principles followed in the provisional mapping

5.1 Usage terms

Any ERMI element that matches an ONIX Usage Type has been mapped to an ONIX Usage composite, with a minimal set of elements. In a very few cases new ERMI variants of ONIX Usage Types have been proposed. Usage Status values match the six ERMI values, so that interpretations can be expressed when the license itself is silent or unclear. Where the ERMI definition specifies that the usage is open to authorized users and/or the Licensee, the ONIX User element similarly specifies AuthorizedUser and/or Licensee. Where the ERMI definition is silent about the user, the ONIX User element provisionally specifies the Licensee. Where the ERMI usage term is accompanied by a note element, it is carried in the ONIX Usage composite as a UsageAnnotation of type "ERMIText". Where more than one note element is required in connection with a single usage term, each UsageAnnotation is given a distinctive name.

5.2 Supply terms

Any ERMI term that matches an ONIX Supply Term Type has been mapped to an ONIX Supply Term composite, with a minimal set of elements. Where the ERMI term is accompanied by a note element, it is carried in the ONIX Supply Term composite as a SupplyTermAnnotation of type "ERMIText". Where more than one note element is required in connection with a single supply term, each SupplyTermAnnotation is given a distinctive name.

An additional element, SupplyTermStatus, is suggested for the Supply Term composite in order to handle the Y/N values that ERMI uses. This means that, in contrast to an ONIX-PL license expression, where the absence of a particular supply term type simply means that it is omitted, an ONIX ERMI encoding can state explicitly that the term is absent.

5.3 General terms

Any ERMI term that matches an ONIX General Term Type has been mapped to an ONIX General Term composite, with a minimal set of elements. Where the ERMI term is accompanied by a note element, it is carried in the ONIX General Term composite as a GeneralTermAnnotation of type "ERMIText". Where more than one note element is required in connection with a single supply term, each GeneralTermAnnotation is given a distinctive name.

An additional element, GeneralTermStatus, is suggested for the General Term composite in order to handle the Y/N values that ERMI uses. This means that, in contrast to an ONIX-PL license expression, where the absence of a particular general term type simply means that it is omitted, an ONIX ERMI encoding can state explicitly that the term is absent.

5.4 Definitions

Only minimal use is made of the Definitions section of the ONIX-PL structure. Agent Definitions are used to represent the ERMI terms Authorized User Definition, Licensor, Licensee, and Licensing Agent. TimePoint Definitions are used for License Start Date, License End Date and License Execution Date.

5.5 Miscellaneous and "orphan" elements

ERMI has a few numeric limits such as "Number Of Concurrent Users" which in ONIX are expressed as quantity qualifiers on a Usage, Supply Term, or General Term, as the case may be. In the ONIX ERMI encoding, a suitable parent term is used in order to place the qualifier in context.

ERMI also has a number of notes elements that are not linked to any other aspect of the license encoding (eg "Citation Requirement Detail"). These have been handled as ONIX LicenseGrantAnnotations, with appropriate annotation type values.

6. Possible modifications to ERMI license elements

At the meeting held in Boston in December 2006, there were two areas where ERMI participants felt that there was a case for revising the ERMI 1 vocabulary:

- (a) While in general ERMI has a separate notes field for each usage type, there are some places where ERMI 1 provides only a single note field for two or more related usages. This creates an evident problem when both usages can occur together, though it is acceptable if the usages are mutually exclusive. The present paper assumes that ERMI will support individual notes fields wherever it is helpful to do so, and where this represents an extension to ERMI 1, it is explicitly indicated in the mapping table, and shown in blue (see line 16, for example).
- (b) The ERMI 1 usages relating to electronic course packs and reserves were felt to be unsatisfactory on two counts: there was an inconsistency between the definitions of "Course Reserve Print" and "Course Reserve Electronic/Cached Copy", making the latter seem very much more permissive than the former; and it was felt that it was both difficult and unnecessary to differentiate between "Course Pack Electronic" and "Course Reserve Electronic", which would be better combined into a single usage. The present draft suggests how this might be worked out, with consequential changes in associated Notes elements (see lines 22 to 33).

7. Some specific problems

A few elements where a specific problem has been found are flagged in light red in the first column of the table. They include:

Line

- | | |
|------|--|
| 2 | It is proposed that the flagging of a local authorized user definition could be handled by changing the Annotation Type in the Agent Definition for Authorized User. |
| 20 | Interlibrary Loan Record Keeping Required Indicator – this is an example of a note that covers potentially at least two distinct usages. On the other hand, it might be merely repetitive to attach it to both. However, there is no ambiguity if it is arbitrarily attached to one of the applicable usages, since it will be separated again when the mapping is reversed. |
| 34 | Remote Access – this appears to be a usage that does not follow the usual ERMI pattern values for usage terms, and which looks illogical as at present defined. Perhaps there is a case here for ERMI to reconsider the element specification. |
| 68 | ERMI does not seem to cover a non-renewable license, ie one which is reissued afresh for each successive subscription period – or is this to be regarded as a special case of "Explicit"? Most if not all JISC licenses are of this type. Perhaps an additional value is needed? |
| 83-5 | Date elements – it is understood that ERMI does not specify a date format. The options are to specify a format to be represented in ONIX by a TimePointIdentifier, or to send the date as free text in whatever form it is held. In this draft, the former option is shown. |

8. Additional elements required for a complete message

A complete message requires a header in the usual ONIX form, and it will presumably also require a few simple elements to identify the license, which would be placed in ONIX LicenseDetail. These have not yet been specified.

9. Next steps

The aim of this paper is to stimulate comment from the potential users of a standard format for communicating ERMI encodings, and to see whether there is demand for its completion in the form of an XML schema and full documentation. If there is, then EDItEUR will need to confirm whether and by when it can deliver and support the complete package. Meanwhile, work is continuing on the development of the full ONIX-PL format, and on mapping from full license expressions to ERMI encodings.

Table 1: ERMI mapping to ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
A	1	Authorized User Definition	The language in the contract that defines the group of users allowed to use the Electronic Product	Text	<pre><AgentDefinition> <AgentLabel>AuthorizedUser</AgentLabel> <AgentType>onixPL:Person</AgentType> <AgentAnnotation> <AgentAnnotationType>onixPL:ERMIText</AgentAnnotationType> <AnnotationText>Text.</AnnotationText> </AgentAnnotation> </AgentDefinition></pre>
A	2	Local Authorized User Definition	The inclusion of an institution-specific preferred authorized user definition	Y/N	<pre><AgentAnnotationType>onixPL:ERMILocalText</AgentAnnotationType> (If the ERMI value is "Y", use this Annotation Type in the Agent Definition above)</pre>
B	3	Fair Use Clause Indicator	A clause that affirms statutory fair use rights under U.S. copyright law (17 USC Section 107), or that the agreement does not restrict or abrogate the rights of the licensee or its user community under copyright law	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:StatutoryRightsAffirmation</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>
B	4	All Rights Reserved Indicator	A clause stating that all intellectual property rights not explicitly granted to the licensee are retained by the licensor	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:AllRightsReserved</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>
B	5	Database Protection Override Clause Indicator	A clause that provides fair use protections within the context of assertions of database protection or additional proprietary rights related to database content not currently covered by U.S. copyright law	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:DatabaseProtectionOverride</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
B	6	Citation Requirement Detail	A specification of the required or recommended form of citation	Text	<pre><LicenseGrantAnnotation> <LicenseGrantAnnotationType>onixPL:ERMICitationRequirementDetail </LicenseGrantAnnotationType> <AnnotationText>Text</AnnotationText> </LicenseGrantAnnotation></pre>
B	7	Digitally Copy	The right of the licensee and authorized users to download and digitally copy a portion of the licensed materials	PPPPSN ¹	<pre><Usage> <UsageType>onixPL:SaveDigitalCopy</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Digitally Copy Term Note, below) <User>Licensee</User> <User>AuthorizedUser</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> </Usage></pre>
B	8	Digitally Copy Term Note	Information which qualifies a permissions statement on Digitally Copy	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> (Insert in the <Usage> composite for Digitally Copy, above)</pre>
B	9	Print Copy	The right of the licensee and authorized users to print a portion of the licensed materials	PPPPSN	<pre><Usage> <UsageType>onixPL:PrintCopy</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Print Copy Term Note, below) <User>Licensee</User> <User>AuthorizedUser</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> </Usage></pre>
B	10	Print Copy Term Note	Information which qualifies a permissions statement on Print Copy	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> (Insert in the <Usage> composite for Print Copy, above)</pre>

¹ “PPPPSN” is shorthand for the six ERMI values “Permitted explicit”, “Prohibited explicit”, “Permitted interpreted”, “Prohibited interpreted”, “Silent” and “Not applicable”

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
B	11	Scholarly Sharing	The right of authorized users and/or the licensee to transmit hard copy or an electronic copy of a portion of the licensed materials to a third party for personal, scholarly, educational, scientific or professional use.	PPPPSN	<pre><Usage> <UsageType>onixPL:ERMIUseForScholarlySharing</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Scholarly Sharing Term Note, below) <User>Licensee</User> <User>AuthorizedUser</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> </Usage></pre> <p>ONIX does not treat Scholarly Sharing as a specialized Usage in its own right – hence the usage type is marked “ERMI”.</p>
B	12	Scholarly Sharing Term Note	Information which qualifies a permissions statement on Scholarly Sharing	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation></pre> <p>(Insert in the <Usage> composite for Scholarly Sharing, above)</p>
B	13	Distance Education	The right to use licensed materials in distance education	PPPPSN	<pre><Usage> <UsageType>onixPL:ERMIUseInDistanceEducation</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Distance Education Term Note, below) <User>Licensee</User> <UsedResource>onixPL:LicensedContent</UsedResource> </Usage></pre> <p>ONIX does not treat Distance Education as a Usage – hence the usage type is marked “ERMI”.</p>
B	14	Distance Education Term Note	Information which qualifies a permissions statement on Distance Education	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation></pre> <p>(Insert in the <Usage> composite for Distance Learning, above)</p>
B	15	Interlibrary Loan Print Or Fax	The right to provide the licensed materials via interlibrary loan by way of print copies or facsimile transmission	PPPPSN	<pre><Usage> <UsageType>onixPL:InterLibrarySupplyPrintOrFax</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Interlibrary Loan Print Or Fax Term Note, below) <User>Licensee</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> <UsageCondition> (see Interlibrary Loan Record Keeping, below) </Usage></pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
B	16	Interlibrary Loan Print Or Fax Term Note: text <i>Proposed new ERMI element, replacing in part Interlibrary Loan Term Note</i>	Additional information related to interlibrary loan print or fax	Text	<UsageAnnotation> <UsageAnnotationType> onixPL:ERMIText </UsageAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </UsageAnnotation> <i>(Insert in the <Usage> composite for Interlibrary Loan Print Or Fax, above)</i>
B	17	Interlibrary Loan Secure Electronic Transmission	The right to provide the licensed materials via interlibrary loan by way of secure electronic transmission	PPPPSN	<Usage> <UsageType> onixPL:InterLibrarySupplyControlledElectronic </UsageType> <UsageStatus> onixPL:???? </UsageStatus> <UsageAnnotation> <i>(see Interlibrary Loan Electronic Term Note, below)</i> <User> Licensee </User> <UsedResource> onixPL:LicensedContentExcerpt </UsedResource> <UsageCondition> <i>(see Interlibrary Loan Record Keeping, below)</i> </Usage>
B	18	Interlibrary Loan Electronic	The right to provide the licensed materials via interlibrary loan by way of electronic copies	PPPPSN	<Usage> <UsageType> onixPL:InterLibrarySupplyElectronic </UsageType> <UsageStatus> onixPL:???? </UsageStatus> <UsageAnnotation> <i>(see Interlibrary Loan Electronic Term Note, below)</i> <User> Licensee </User> <UsedResource> onixPL:LicensedContentExcerpt </UsedResource> <UsageCondition> <i>(see Interlibrary Loan Record Keeping, below)</i> </Usage>
B	19	Interlibrary Loan Electronic Term Note: text <i>Proposed new ERMI element, replacing in part Interlibrary Loan Term Note</i>	Additional information related to interlibrary loan electronic. It is assumed that the two preceding usages are mutually exclusive, since the second includes the first, so only one note element is required.	Text	<UsageAnnotation> <UsageAnnotationType> onixPL:ERMIText </UsageAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </UsageAnnotation> <i>(Insert in the <Usage> composite for Interlibrary Loan Electronic, above)</i>
B	20	Interlibrary Loan Record Keeping Required Indicator	The requirement to keep records of interlibrary loan activity and provide reports to the licensor at periodic intervals or upon request	Y/N	<UsageCondition> onixPL:ILLRecordKeepingRequired/NotRequired </UsageCondition> <i>(Insert in one of the <Usage> composites for Interlibrary Loan, above)</i>
B	21	Interlibrary Loan Term Note	Additional information related to interlibrary loan	Text	<i>Not mapped: replaced by separate notes elements in lines 16 and 19</i>
B	22	Course Materials Electronic <i>Proposed new ERMI element, replacing Course Reserve Electronic and Course Pack Electronic</i>	The right to use licensed materials in collections or compilations of materials assembled in an electronic format by faculty members for use by students in a class for purposes of instruction	PPPPSN	<Usage> <UsageType> onixPL:ReproduceInDigitalInstructionalMaterial </UsageType> <UsageStatus> onixPL:???? </UsageStatus> <UsageAnnotation> <i>(see Course Materials Electronic Term Note, below)</i> <User> Licensee </User> <UsedResource> onixPL:LicensedContentExcerpt </UsedResource> </Usage>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
B	23	Course Materials Electronic Term Note <i>Proposed new ERMI element, replacing in part Course Reserve Term Note and Course Pack Term Note</i>	Information which qualifies a permissions statement on electronic course materials	Text	<UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> <i>(Insert in the <Usage> composite for Course Materials Electronic, above)</i>
B	24	Course Reserve Print	The right to make print copies of the licensed materials and place them in a controlled circulation area of the library for reserve reading in conjunction with specific courses of instruction	PPPPSN	<Usage> <UsageType>onixPL:ReproduceInPrintedCourseReserve</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Course Reserve Print Term Note, below) <User>Licensee</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> </Usage>
B	25	Course Reserve Print Term Note <i>Proposed new ERMI element, replacing in part Course Reserve Term Note</i>	Information which qualifies a permissions statement on printed course reserves	Text	<UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> <i>(Insert in the <Usage> composite for Course Reserve Print, above)</i>
B	26	Course Reserve Electronic/Cached copy	The right to make electronic copies of the licensed materials and store them on a secure network	PPPPSN	<i>Not mapped: replaced by proposed new element Course Materials Electronic</i>
B	27	Course Reserve Term Note	Information which qualifies a permissions statement on Course Reserves	Text	<i>Not mapped: replaced by proposed new elements Course Materials Electronic Term Note and Course Reserve Term Print Note</i>
B	28	Electronic Link	The right to link to the licensed material	PPPPSN	<Usage> <UsageType>onixPL:CreateLicenseeContentLinks</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see ElectronicLink Term Note, below) <User>Licensee</User> <UsedResource>onixPL:LicensedContent</UsedResource> </Usage>
B	29	Electronic Link Term Note	Information which qualifies a permissions statement on Electronic Links	Text	<UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> <i>(Insert in the <Usage> composite for Electronic Link, above)</i>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
B	30	Course Pack Print	The right to use licensed materials in collections or compilations of materials assembled in a print format by faculty members for use by students in a class for purposes of instruction	PPPPSN	<pre><Usage> <UsageType>onixPL:ReproduceInPrintedCoursePack</UsageType> <UsageStatus>onixPL:????</UsageStatus> <UsageAnnotation> (see Course Pack Print Term Note, below) <User>Licensee</User> <UsedResource>onixPL:LicensedContentExcerpt</UsedResource> </Usage></pre>
B	31	Course Pack Print Term Note <i>Proposed new ERMI element, replacing in part Course Pack Term Note</i>	Information which qualifies a permissions statement on printed Course Packs	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText>Text</AnnotationText> </UsageAnnotation> (Insert in the <Usage> composite for Course Pack Print, above)</pre>
B	32	Course Pack Electronic	The right to use licensed materials in collections or compilations of materials assembled in an electronic format by faculty members for use by students in a class for purposes of instruction	PPPPSN	<i>Not mapped: replaced by proposed new element Course Materials Electronic</i>
B	33	Course Pack Term Note	Information which qualifies a permissions statement on Course Packs	Text	<i>Not mapped: replaced by proposed new elements Course Materials Electronic Term Note and Course Pack Print Term Note</i>
B	34	Remote Access	The right of an authorized user to gain access to an E-product from an off-site location.	Yes ² / No / Yes except Walk-Ins	<pre><Usage> <UsageType>onixPL:ERMIAccessRemotely</UsageType> <UsageStatus>onixPL:????</UsageStatus> <User>onixPL:AuthorizedUserExceptWalkIns</User> <UsedResource>onixPL:LicensedContent</UsedResource> </Usage></pre>
B	35	Walk-In User Term Note	Information which qualifies the status or permitted actions of Walk-In Users	Text	<pre><LicenseGrantAnnotation> <LicenseGrantAnnotationType>onixPL:ERMIWalkInUserTermNote</LicenseGrantAnnotationType> <AnnotationText>Text</AnnotationText> </LicenseGrantAnnotation></pre>

² The ERMI values here do not appear to make sense, since by definition a Walk-In surely cannot have remote access. It would be more consistent to assume that Remote Access always applies to Authorized Users except Walk-Ins, and to use the regular ERMI value set represented in the table as "PPPPSN".

		ERMI term	ERMI definition	ERMI value	ONIX-PL
C	36	Concurrent Users	<p>1. The licensed number of concurrent users for a resource.</p> <p>2. The number of concurrent users if shared across an interface rather than for a specific resource.</p>	Numeric	<pre><Usage> <UsageType>onixPL:ERMIAccessOnline</UsageType> <UsageStatus>onixPL:Permitted</UsageStatus> <UsageAnnotation> (see Concurrent User Note, below) <User>AuthorizedUser</User> <UsedResource>onixPL:LicensedContent</UsedResource> <UsageQuantity> <UsageQuantityType>onixPL:NumberOfConcurrentUsers</UsageQuantity Type> <UsageQuantityDetail> <Proximity>onixPL:IsNotMoreThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:Users</MeasureUnit> </UsageQuantityDetail> </UsageQuantity> </Usage></pre> <p><i>Because ONIX treats numeric limits as quantity qualifiers on a license term, it is necessary here, and in the next entry below, to specify a usage type that is used only to provide a "parent" element for the qualifier.</i></p>
C	37	Pooled Concurrent Users	The number of concurrent users if shared across a consortium rather than within a specific institution	Numeric	<pre><Usage> <UsageType>onixPL:ERMIAccessOnline</UsageType> <UsageStatus>onixPL:Permitted</UsageStatus> <UsageAnnotation> (see Concurrent User Note, below) <User>AuthorizedUser</User> <UsedResource>onixPL:LicensedContent</UsedResource> <UsageQuantity> <UsageQuantityType>onixPL:NumberOfPooledConcurrentUsers</Usage QuantityType> <UsageQuantityDetail> <Proximity>onixPL:IsNotMoreThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:Users</MeasureUnit> </UsageQuantityDetail> </UsageQuantity> </Usage></pre>
C	38	Concurrent User Note	<p>1. A specific explanation of how users are allocated or shared if pooled or platform based.</p> <p>2. Additional information about the number of concurrent users.</p>	Text	<pre><UsageAnnotation> <UsageAnnotationType>onixPL:ERMIText</UsageAnnotationType> <AnnotationText> Text</AnnotationText> </UsageAnnotation></pre> <p><i>(Insert in the <Usage> composite for Concurrent Users or Pooled Concurrent Users, above)</i></p>

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		ERMI term	ERMI definition	ERMI value	ONIX-PL
C	39	Other User Restriction Note	Additional information about other user restrictions not adequately described elsewhere	Text	<LicenseGrantAnnotation> <LicenseGrantAnnotationType> onixPL:ERMIOtherUserRestrictionNote </LicenseGrantAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </LicenseGrantAnnotation>
C	40	Other Use Restriction Note	Additional information about other use restrictions not adequately described elsewhere	Text	<LicenseGrantAnnotation> <LicenseGrantAnnotationType> onixPL:ERMIOtherUseRestrictionNote </LicenseGrantAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </LicenseGrantAnnotation>
D	41	Perpetual Access Right	The right to permanently access the licensed materials paid for during the period of the license agreement	Yes / No / Unspecified	<SupplyTerm> <SupplyTermType> onixPL:PerpetualAccess </SupplyTermType> <SupplyTermStatus> onixPL:???? </SupplyTermStatus> <SupplyTermAnnotation> - see <i>Perpetual Access Holdings and Perpetual Access Note below</i> </SupplyTerm> <i>ONIX regards "Perpetual Access" as a Supply Term since it represents an obligation on the supplier to continue providing access to the Licensed Content.</i>
D	42	Perpetual Access Holdings	The dates of coverage for which perpetual rights are available and agreed upon in the legal contract	Z39.71	<SupplyTermAnnotation> <SupplyTermAnnotationType> onixPL:ERMIPerpetualAccessHoldings </SupplyTermAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Perpetual Access Right, above)</i>
D	43	Perpetual Access Note	Additional information related to perpetual access	Text	<SupplyTermAnnotation> <SupplyTermAnnotationType> onixPL:ERMIText </SupplyTermAnnotationType> <AnnotationText> <i>Text</i> </AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Perpetual Access Right, above)</i>
D	44	Archiving Right	The right to permanently retain an electronic copy of the licensed materials	Yes / No / Unspecified	<SupplyTerm> <SupplyTermType> onixPL:ArchiveCopySupply </SupplyTermType> <SupplyTermStatus> onixPL:???? </SupplyTermStatus> <SupplyTermAnnotation> - see <i>Archiving Format and Archiving Note below</i> </SupplyTerm> <i>ONIX regards "Archiving Right" as a Supply Term since it represents an obligation on the supplier to provide an archive copy of the Licensed Content.</i>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
D	45	Archiving Format	The format of the archival content	Text, local values	<SupplyTermAnnotation> <SupplyTermAnnotationType>onixPL:ERMIArchiveCopyFormat</SupplyTermAnnotationType> <AnnotationText>Text</AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Archiving Right, above)</i>
D	46	Archiving Note	Additional information related to archiving rights, product and format	Text	<SupplyTermAnnotation> <SupplyTermAnnotationType>onixPL:ERMIText</SupplyTermAnnotationType> <AnnotationText>Text</AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Archiving Right, above)</i>
E	47	Accessibility Compliance Indicator	An agreement that the data is provided in a form compliant with relevant accessibility (disabilities) legislation	Y/N	<SupplyTerm> <SupplyTermType>onixPL:ComplianceWithAccessibilityStandards</SupplyTermType> <SupplyTermStatus>onixPL:???
E	48	Completeness Of Content Clause Indicator	The presence of a provision in the contract stating that the licensed electronic materials shall include all content found in the print equivalent	Y/N	<SupplyTerm> <SupplyTermType>onixPL:CompletenessOfContent</SupplyTermType> <SupplyTermStatus>onixPL:???
E	49	Concurrency With Print Version Clause Indicator	The presence of a provision in the contract which states that the licensed materials will be available before, or no later than the print equivalent, and/or will be kept current	Y/N	<SupplyTerm> <SupplyTermType>onixPL:ConcurrencyWithPrintVersion</SupplyTermType> <SupplyTermStatus>onixPL:???
E	50	Intellectual Property Warranty Indicator	A clause in which the licensor warrants that making the licensed materials available does not infringe upon the intellectual property rights of any third parties	Y/N	<GeneralTerm> <GeneralTermType>onixPL:LicensorIntellectualPropertyWarranty</GeneralTermType> <GeneralTermStatus>onixPL:???
E	51	Confidentiality Of User Information Indicator	The requirement that user data should not be shared with third parties, reused or resold without permission	Y/N	<GeneralTerm> <GeneralTermType>onixPL:ConfidentialityOfUserData</GeneralTermType> <GeneralTermStatus>onixPL:???

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	52	UCITA Override Clause Indicator	A clause that reflects the licensor's agreement to use U.S. state contract law in the event UCITA is ever passed and implemented in the specified governing law state	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:UCITAOverride</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>
E	53	Clickwrap Modification Clause Indicator	A clause indicating that the negotiated agreement supersedes any click-through, click-wrap, other user agreement, or terms of use residing on the provider's server that might otherwise function as a contract of adhesion	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:ClickThroughOverride</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>
E	54	Indemnification By Licensor Clause	A clause by which the licensor agrees to indemnify the licensee against a legal claim	General / IP only / other	<pre><GeneralTerm> <GeneralTermType>onixPL:LicensorIndemnity</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIValue</GeneralTermAnnotationType> <AnnotationText>Value as in previous column</AnnotationText> </GeneralTermAnnotation> <GeneralTermAnnotation> - see Indemnification Clause Note below </GeneralTerm></pre>
E	55	Indemnification By Licensee Clause Indicator	A clause by which the licensee agrees to indemnify the licensor against a legal claim, usually for a breach of agreement by the licensee	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:LicenseeIndemnity</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> - see Indemnification Clause Note below </GeneralTerm></pre>
E	56	Indemnification Clause Note	Additional information providing amplification of any nuances to the indemnification clauses	Text	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Indemnification By Licensor or Indemnification By Licensee, above)</pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	57	Confidentiality Of Agreement	Presence or absence of clauses that specify or detail restrictions on the sharing of the of terms of the license agreement	No / All / Financial only / All but user terms	<pre><GeneralTerm> <GeneralTermType>onixPL:ConfidentialityOfLicenseTerms</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIValue</GeneralTermAnnotationType> <AnnotationText>Value as in previous column</AnnotationText> </GeneralTermAnnotation> <GeneralTermAnnotation> - see Confidentiality of Agreement Note below </GeneralTerm></pre>
E	58	Confidentiality Of Agreement Note	Specific details of what aspects of the license are private	Text	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> <i>(Insert in the <GeneralTerm> composite for Confidentiality of Agreement, above)</i></pre>
E	59	Governing Law	A clause specifying the governing law to be used in the event of an alleged breach of the agreement	Text	<pre><GeneralTerm> <GeneralTermType>onixPL:GoverningLaw</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> </GeneralTerm></pre>
E	60	Governing Jurisdiction	The venue or jurisdiction to be used in the event of an alleged breach of the agreement	Text	<pre><GeneralTerm> <GeneralTermType>onixPL:GoverningJurisdiction</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> </GeneralTerm></pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	61	Applicable Copyright Law	A clause that specifies the national copyright law that is agreed to in the contract	Text	<pre> <GeneralTerm> <GeneralTermType>onixPL:ApplicableCopyrightLaw</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTerm AnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> </GeneralTerm> </pre>
E	62	Cure Period For Breach	The cure period for an alleged material breach	Numeric	<pre> <GeneralTerm> <GeneralTermType>onixPL:LicenseTerminationByBreach</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermQuantity> <GeneralTermQuantityType>onixPL:PeriodForCureOfBreach</GeneralTerm QuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotMoreThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> </GeneralTerm> </pre>
E	63	Cure Period For Breach Unit Of Measure	The time interval that measures the Cure Period for Breach	Calendar day / Business day / Week	<pre> <GeneralTerm> <GeneralTermType>onixPL:LicenseTerminationByBreach</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermQuantity> <GeneralTermQuantityType>onixPL:PeriodForCureOfBreach</GeneralTerm QuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotMoreThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> </GeneralTerm> </pre> <p><i>(The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value)</i></p>
E	64	Content Warranty	A clause that guarantees a remedy to the licensee if the quantity or quality of material contained within the product is materially diminished	Text	<pre> <SupplyTerm> <SupplyTermType>onixPL:ContentWarranty</SupplyTermType> <SupplyTermStatus>onixPL:????</SupplyTermStatus> <SupplyTermAnnotation> <SupplyTermAnnotationType>onixPL:ERMIText</SupplyTermAnnotation Type> <AnnotationText>Text</AnnotationText> </SupplyTermAnnotation> </SupplyTerm> </pre>
E	65	Performance Warranty Indicator	Indicates whether a clause that requires a satisfactory level of online availability and/or response time is present	Y/N	<pre> <SupplyTerm> <SupplyTermType>onixPL:ServiceLevelGuarantee</SupplyTermType> <SupplyTermStatus>onixPL:????</SupplyTermStatus> <SupplyTermAnnotation> - see Performance Warranty Uptime Guarantee and Maintenance Window below </SupplyTerm> </pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	66	Performance Warranty Uptime Guarantee	The specific percentage of up-time guaranteed for the product being licensed, and the context for that percentage	Text	<pre><SupplyTermAnnotation> <SupplyTermAnnotationType>onixPL:ERMIUptimeGuarantee</SupplyTerm AnnotationType> <AnnotationText>Text</AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Performance Warranty, above)</i></pre>
E	67	Maintenance Window	The recurring period of time reserved by the product provider for technical maintenance activities, during which online access may be unavailable	Text	<pre><SupplyTermAnnotation> <SupplyTermAnnotationType>onixPL:ERMIMaintenanceWindow</SupplyTerm AnnotationType> <AnnotationText>Text</AnnotationText> </SupplyTermAnnotation> <i>(Insert in the <SupplyTerm> composite for Performance Warranty, above)</i></pre>
E	68	Renewal Type	A clause which specifies whether renewal is automatic or explicit	Automatic	<pre><GeneralTerm> <GeneralTermType>onixPL:RenewalAutomatic</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermQuantity> - see Non-Renewal Notice Period below </GeneralTerm></pre>
				Explicit	<pre><GeneralTerm> <GeneralTermType>onixPL:RenewalExplicit</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> </GeneralTerm></pre>
				Perpetual	<pre><LicenseGrantType>onixPL:Perpetual</LicenseGrantType></pre>
E	69	Non-Renewal Notice Period	The amount of advance notice required prior to license renewal if the licensee does not wish to renew the subscription	Numeric	<pre><GeneralTermQuantity> <GeneralTermQuantityType>onixPL:NoticePeriodForNonRenewal</General TermQuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotLessThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> <i>(The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value)</i> <i>(Insert in the <GeneralTerm> composite for Renewal Type Automatic, above)</i></pre>
E	70	Non-Renewal Notice Period Unit Of Measure	The time interval in which the Non-Renewal Notice Period is measured	Text	<pre><GeneralTermQuantity> <GeneralTermQuantityType>onixPL:NoticePeriodForNonRenewal</General TermQuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotLessThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> <i>(The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value)</i> <i>(Insert in the <GeneralTerm> composite for Renewal Type Automatic, above)</i></pre>
E	71	Licensee Termination Right Indicator	The ability of the licensee to terminate an acquisition during a contract period	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:LicenseeTerminationRight</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> - see Licensee Termination Condition and Termination Right Note below <GeneralTermQuantity> - see Licensee Notice Period below </GeneralTerm></pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	72	Licensee Termination Condition	The conditions that would allow a licensee to terminate an acquisition during a contract period	At will / breach / other	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIValue</GeneralTerm AnnotationType> <AnnotationText>Value as in previous column</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Licensee Termination Right, above)</pre>
E	73	Licensee Notice Period For Termination	The amount of advance notice required prior to contract termination by the licensee	Numeric	<pre><GeneralTermQuantity> <GeneralTermQuantityType>onixPL:NoticePeriodForTermination</General TermQuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotLessThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> (The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value) (Insert in the <GeneralTerm> composite for Licensee Termination Right, above)</pre>
E	74	Licensee Notice Period For Termination Unit Of Measure	The time interval in which the Licensee Notice Period for Termination is measured	Text	<pre><GeneralTermQuantity> <GeneralTermQuantityType>onixPL:NoticePeriodForTermination</General TermQuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotLessThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:????</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> (The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value) (Insert in the <GeneralTerm> composite for Licensee Termination Right, above)</pre>
E	75	Licensor Termination Right Indicator	The ability of a licensor to terminate an acquisition during a contract period	Y/N	<pre><GeneralTerm> <GeneralTermType>onixPL:LicensorTerminationRight</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> - see Licensor Termination Condition and Termination Right Note below <GeneralTermQuantity> - see Licensor Notice Period below </GeneralTerm></pre>
E	76	Licensor Termination Condition	The conditions that would allow a licensor to terminate an acquisition during a contract period	At will / breach / other	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIValue</GeneralTerm AnnotationType> <AnnotationText>Value as in previous column</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Licensor Termination Right, above)</pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
E	77	Licensor Notice Period For Termination	The amount of advance notice required prior to contract termination by the licensor	Numeric	<pre><GeneralTermQuantity> <GeneralTermQuantityType>onixPL:NoticePeriodForTermination</GeneralTermQuantityType> <GeneralTermQuantityDetail> <Proximity>onixPL:IsNotLessThan</Proximity> <Value>nnn</Value> <MeasureUnit>onixPL:???.?</MeasureUnit> </GeneralTermQuantityDetail> </GeneralTermQuantity> (The value in <MeasureUnit> must be the ONIX equivalent of the ERMI value) (Insert in the <GeneralTerm> composite for Licensor Termination Right, above)</pre>
E	78	Licensor Notice Period For Termination Unit Of Measure	The time interval in which the Licensor Notice Period for Termination is measured	Text	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Licensee or Licensor Termination Right, above)</pre>
E	79	Termination Right Note	Additional information necessary to amplify any specifications of termination rights	Text	<pre><GeneralTerm> <GeneralTermType>onixPL:ActionsOnTermination</GeneralTermType> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> <GeneralTermAnnotation> - see Termination Requirements Note below </GeneralTerm></pre>
E	80	Termination Requirements	The obligation to take certain actions upon termination of the contract	Text	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMITerminationRequirementsNote </GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Termination Requirements, above)</pre>
E	81	Termination Requirements Note	A clarification of the termination requirements and what certification of the requirement activities is necessary	Text	<pre><GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMITerminationRequirementsNote </GeneralTermAnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> (Insert in the <GeneralTerm> composite for Termination Requirements, above)</pre>

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
F	82	Terms Note	Notes about the terms as a whole	Text	<LicenseGrantAnnotation> <LicenseGrantAnnotationType>onixPL:ERMITermsNote</LicenseGrantAnnotationType> <AnnotationText>Text</AnnotationText> </LicenseGrantAnnotation>
G	83	License Execution Date	The date on which the license was signed or otherwise agreed to by the licensee	Date ³	<TimePointDefinition> <TimePointLabel>LicenseExecutionDate</TimePointLabel> <TimePointType>onixPL:FixedTimePoint</TimePointType> <TimePointIdentifier> <TimePointIDType>onixPL:YYYYMMDD</TimePoint IDType> <IDValue>YYYYMMDD</IDValue> </TimePointIdentifier> </TimePointDefinition>
G	84	License Start Date	The date on which a license agreement goes into effect	Date	<TimePointDefinition> <TimePointLabel>LicenseStartDate</TimePointLabel> <TimePointType>onixPL:FixedTimePoint</TimePointType> <TimePointIdentifier> <TimePointIDType>onixPL:YYYYMMDD</TimePoint IDType> <IDValue>YYYYMMDD</IDValue> </TimePointIdentifier> </TimePointDefinition>
G	85	License End Date	The date on which a license agreement terminates	Date	<TimePointDefinition> <TimePointLabel>LicenseEndDate</TimePointLabel> <TimePointType>onixPL:FixedTimePoint</TimePointType> <TimePointIdentifier> <TimePointIDType>onixPL:YYYYMMDD</TimePoint IDType> <IDValue>YYYYMMDD</IDValue> </TimePointIdentifier> </TimePointDefinition>

³ “Date” elements are tentatively treated as text annotations, since it is not clear whether ERMI prescribes a specific date format. If it does, then <TimePointAnnotation> in all Date elements should be replaced by <TimePointIdentifier>, specifying the ERMI format.

ONIX-PL ERMI encoding format

		ERMI term	ERMI definition	ERMI value	ONIX-PL
H	86	Licensor	1. One who grants a license to another. 2. The party who formulates the terms and conditions of use for the product with whom the licensee (purchaser) is bound in contract by signing or otherwise assenting to a license agreement.	ID ⁴	<AgentDefinition> <AgentLabel>Licensor</AgentLabel> <AgentName> <Name>????</Name> </AgentName> </AgentDefinition>
H	87	Licensee	1. One to whom a license is granted 2. The legal party who signs or otherwise assents to the license	ID	<AgentDefinition> <AgentLabel>Licensee</AgentLabel> <AgentName> <Name>????</Name> </AgentName> </AgentDefinition>
H	88	Licensing Agent	An organization (such as a subscription agent) or an individual that facilitates a licensing transaction on behalf of one or more parties	ID	<AgentDefinition> <AgentLabel>LicensingAgent</AgentLabel> <AgentName> <Name>????</Name> </AgentName> </AgentDefinition>
H	89	License Delivery Instruction	The required medium in which official communications must be delivered	Text	<GeneralTerm> <GeneralTermType>onixPL:NoticeProcedure</GeneralTerm Type> <GeneralTermStatus>onixPL:??</GeneralTermStatus> <GeneralTermAnnotation> <GeneralTermAnnotationType>onixPL:ERMIText</GeneralTerm AnnotationType> <AnnotationText>Text</AnnotationText> </GeneralTermAnnotation> </GeneralTerm>

⁴ Where ERMI has a party ID, this is from a local scheme, and it is therefore assumed that in an ONIX message communicating an ERMI encoding it would have to be replaced by a name.